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TO: Commissioner for Patents  
Attn: Sung H. Pak  
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Alexandria, VA 22313-1450

FROM: Iain A. McIntyre

OUR REF: 1010.8117U1

FAX NUMBER 571-273-8300

\* Please deliver to Examiner Sung H. Pak in Art Unit 2874. \*

Document(s) Transmitted: Amendment and Response Under 37 C.F.R. §1.111

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In re. Patent Application of: CAI et al.

Examiner: Sung H. Pak

Serial No.: 10/657,708

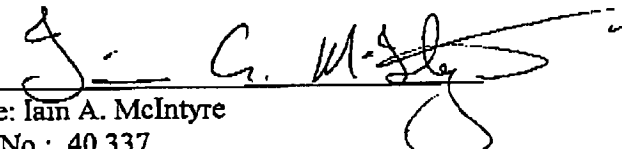
Group Art Unit: 2874

Filed: September 8, 2003

Docket No.: 1010.8117U1

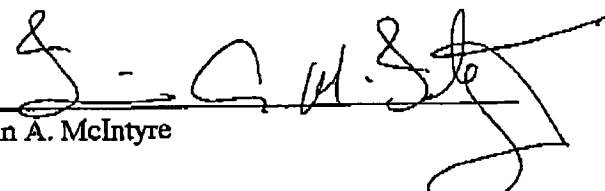
Title: SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE  
WAVEGUIDE AND METHOD OF MAKING SAME

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Iain A. McIntyre

Serial No. 10/657,807

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CAI et al.

Examiner: Sung H. Pak

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Serial No.: 10/657,807

Group Art Unit: 2874

DEC 19 2005

Filed: Sept. 8, 2003

Docket No.: 1010.8117UU

Title: SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE  
WAVEGUIDE AND METHOD OF MAKING SAMECERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper is being transmitted to the  
U.S. Patent and Trademark Office via facsimile on December 19, 2005.Iain A. McIntyre  
NameDec 19, 2005  
SignatureAMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action dated September 20, 2005, setting  
a three month shortened statutory period for response.